

BCAL Highlights for CDR-5

These are the highlights CDR-5 should address to describe the BCAL part of the Calorimetry section.

1. The role of the BCAL in the context of the GlueX physics objectives.
2. The performance criteria imposed on the BCAL to satisfy the physics analysis.
3. The geometrical constraints of the BCAL and the interface with other detector elements.
4. Description of the BCAL and references to the construction of two full-scale prototypes and lessons learned.
5. The read-out issues surrounding the BCAL.
6. The Hall-B beam test results and how they affect future developments.
7. SiPM progress and the outer layer solution.
8. Construction timelines.